

WITH THE FARMERS

By Prof. W. F. MASSEY



W. F. Massey.

Seed Corn.
Several years ago I was inspecting a fine farm in the Piedmont section of North Carolina. The land was the property of a wealthy tobacco manufacturer, and his manager was in the party. Looking at the corn, then well-developed in ears, I noticed that there was a great variation among it. Some plants were very tall and the ears nearly out of reach, with a short top above the ears, while others were of better shape, and had the ears at a convenient distance from the ground. Selecting a plant that seemed to me to approach more nearly a typical corn plant, I said that that was a better type of plant than the tall ones. "Yes," said the manager. "I select seed corn of that style of plants." Then, said I, "that is not what you get as the result, for the plant seldom sets much of its grain with its own pollen, and you get seed fertilized by the tall plants around it." The way to get good seed is to plant a plot especially for seed and then as soon as the tassels show, go through and remove the tassels from every plant that does not come somewhere near your ideal of a corn plant. Then the pollen will be furnished by these only, and you can select the best seed, and by doing this year after year you can get a uniform type of corn.

Barren Stalks in the Corn Field.
Of course we find many barren stalks in poor land where the soil is not strong enough to make ears. But in the most fertile fields, where ears have not been taken to eliminate the barren or male plants, you will always find many such plants that have no ears. I have examined fields of this kind and have gone through and counted the barren stalks, and in fields that should have made fifty bushels an acre I have found at least 10 per cent of barren stalks, and that means, of course, a loss of five bushels an acre. A farmer some years ago asked an experiment station director how to get rid of the barren stalks. This director told him that they were accidental freaks and could not be entirely eradicated. I told him that he was wrong, for they had been created by one man, a good corn breeder of my acquaintance. The fact is that in the corn field these big earless stalks are the strongest males in the field, and furnish plenty of pollen to make seed for more of their kind, and if they are not allowed to give pollen, they will breed the most. I was in the field of a noted corn breeder who had operated on that idea, and I went in every direction through his field and could not discover a single plant without ears. The owner said to me "that corn I have been breeding for years and have bred out the barren stalks, but come over into a distant part of the farm and I will show you another variety that I have had from a Western breeder only two or three years, and you will see some barren stalks yet." I went and in the seed field I found some there and had removed the tassels from them, and hoped in a year or two more to be entirely clear of them. Barrenness is a hereditary trait, and to get rid of barren stalks you must prevent their breeding. Therefore, in the seed field, you should pay special attention to the eliminating of the tendency to be barren.

The Ear-Row Method.
Much has been written in the farm papers and bulletins of the stations in regard to the method of selecting ears and planting a row for each ear, and to promote the crossing which invigorates the plant, take out the tassels while green from each alternate ear, and these are to be the seed rows and the alternate rows the sterile rows to furnish the pollen. This, it is claimed, insures crossing. And for a time it does, but if you continue the method year after year with the same product of corn you will soon be breeding in and more already than ever, and the only way to clear that tendency is to have the sire corn grown somewhere else of the same variety and cross with that on alternate years.

But the fact is that crossing is the rule, and the corn field is blown all over the field by wind and little of the pollen of the stalk falls on its own ears. Hence if one has a plot planted for seed he can go through and take out the green tassels from everything that does not come somewhere near the ideal plant he wants, and can in that way get as uniform a product as in any way I know of. We will have more later on this matter of corn breeding. The corn ear shows have done good in attracting attention to the improvement of corn, but a show of ears only will just show that one man has ears that come nearer the requirements of the score card than another, and does not tell us anything about the productiveness of the variety. It is well to have pretty ears, but what the farmer needs is bushels of corn an acre, and he needs the corn that will give these best.

Clover Hay Again.
I have for years read your contributions in various journals and more recently in The Times-Dispatch. I have a little farm not far from Richmond and have cut the old red and the crimson clover, and seldom have been able to house it in condition to be entirely free from mold. The old red clover seemed well-cured, in fact, so well cured that it lost half the leaves. This year crimson clover cured in the dry spell, has some mold. Last year I salted freely. This year used no salt. A neighbor who has a fine farm nearby tells me he had the same trouble, last year he had the same trouble, but he followed the clover in perfectly green, and it cured out sweet and nice. My manager was there a few days ago when he had housed it green again, and told me the steam was coming out, and the top of the hay wet with sweat, and two feet down was too hot to hold his hand in. I would like to have your

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NEW RATES FOR VIRGINIA BEACH

Corporation Commission Enters Order in Norfolk-Southern Rate Case.

An increase of rates on the electric division of the Norfolk-Southern Railroad Company between Norfolk, Virginia Beach and Cape Henry was authorized by the State Corporation Commission yesterday, to take effect June 15. The road is divided into zones of approximately five miles each, with a flat rate of 5 cents per zone, with provision for books of commutation tickets, school tickets and other special requirements. During the receivership the Norfolk-Southern operated under a limited zone system, collecting fares at certain intervals, but making a round trip excursion rate from Norfolk to the beach for 25 cents. Shortly after the reorganization of the railroad company an application was made to the commission for an increased schedule of rates, which would put this division on a paying basis. After having maturely considered the evidence and the argument of counsel, the Corporation Commission yesterday authorized, and ordered, to take effect on and after June 15, and after due publication according to law, a general passenger rate of 5 cents per passenger for each zone or part of a zone traveled.

Division of Zones.
The division of the line into zones was ordered as follows:
South route: First zone, from Norfolk to Ingleside, inclusive, 4.7 miles; second zone, from Ingleside to Euclid, inclusive, 4.3 miles; third zone, from Euclid to Lynnhaven, inclusive, 4.9 miles; fourth zone, from Lynnhaven to Casino, Virginia Beach, inclusive, 7 miles.
North route: First zone, from Norfolk to Fox Hall, inclusive, 4.3 miles; second zone, from Fox Hall to Lake Smith, inclusive, 4.1 miles; third zone, from Lake Smith to Lynnhaven Inlet, inclusive, 4.5 miles; fourth zone, from Lynnhaven Inlet to Life Saving Station, No. 1, Cape Henry, inclusive, 5.6 miles; fifth zone, from Life Saving Station, No. 1, to Pavilion, Virginia Beach, 5.2 miles.
This makes a flat four zone, or 20 cent, rate, from Norfolk to either Virginia Beach or Cape Henry, or a round trip on the zone plan of 40 cents, going one way and returning the other.

Commutation Tickets.
The order provides that there shall be a commutation ticket containing 200 zone coupons, good over all the zones of either route for four months from date of sale, which shall be sold for \$8, making a 4 cent per zone commutation rate, or a 32 cent round trip rate for Beach residents. There shall also be a commutation ticket, containing 100 zone coupons, good only over the first and second zones of both the north and south route for four months from date of sale, which shall be sold for \$4.
Commutation tickets are to be issued in the name of one person, whose name shall be written in the cover of the book at the time of issuance. The coupons will be accepted on the trains for any number of persons, provided, however, that the coupons will not be

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If you were to use for each kind of washing, cleaning, scouring and scrubbing, one of the so-called special preparations which are made, you would have an imposing and expensive array of chemicals, washing compounds, cleaning pastes, etc.

There is one cleaner that has the virtues of all and the faults of none. Use Gold Dust and you have no need of borax, ammonia, kerosene or naphtha.

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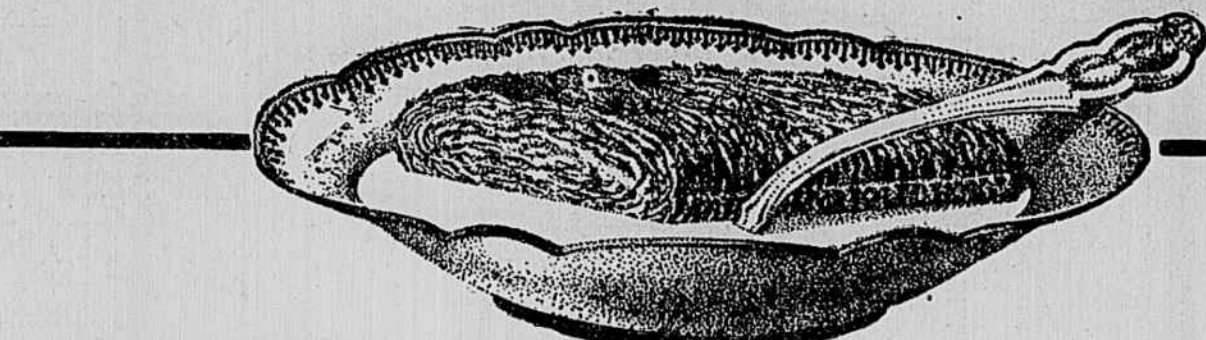
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have never failed to show an increase over the sales of the previous year, and this without any "free deals" for grocers or "premiums" for consumers. The supremacy of Shredded Wheat among cereal foods is unchallenged. After you have tried all the new ones you will come back to Shredded Wheat, the one universal cereal breakfast food, always fresh, always clean, always pure, always the same. Contains more real nutriment than meat or eggs, is more easily digested and costs much less.

For breakfast heat the Biscuit in the oven a few moments to restore crispness; then pour milk over it, adding a little cream; salt or sweeten to suit the taste. It is deliciously nourishing and wholesome for any meal with stewed prunes, baked apples, sliced bananas, preserved peaches, pineapple or other fruits. At your grocer's.

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COMMENCEMENT HONORS BY ST. JOSEPH'S ACADEMY

School Closes Its 78th Session, and Awards Prizes to Leading Pupils.

The seventy-eighth annual commencement of St. Joseph's Academy was held yesterday morning, one of the special features being an address by Bishop D. J. O'Connell. The program included a piano solo by Miss Mary Cavanaugh; vocal solo, by Miss Marie Holmgren; song, by vocal class; recitation, Miss Cecelia McDonald; valedictory, Miss Mary Cavanaugh. Awards, medals, honors and premiums were announced as follows:

Premiums in Christian doctrine. Very Rev. J. J. Bowler's prizes—First premium, gold medal—drawn for by Misses Mabel McNamara, Cecelia McDonald, Annie Martin, Eleanor Donahue, for Miss Annie Martin.

Academic honors.In testimony of having passed with commendable diligence and proficiency through the academic course, diplomas are awarded to: Misses Mabel McNamara, Marie Holmgren, Cecelia McDonald, Mary Cavanaugh, Helen O'Neil, Helen Judd, Eleanor Nolle, Catharine Coleman, Hilda Mitchell, Josephine McRae, Marie Dawson, Catharine Starkey, Mary Powers, Nellie Starkey, Pauline Clark, Margaret Walker, Anna Cliprind, Louise Van Horn, Lena Poll.

First grade—first and second prizes.—Margaret Landels, Matilda Kardian, Annie Corso, Alta Robinson, Angelina Cecchini, Annie Walker, Marie Judd, Eleanor Nolle, Catharine Coleman, Hilda Mitchell, Josephine McRae, Marie Dawson, Catharine Starkey, Mary Powers, Nellie Starkey, Pauline Clark, Margaret Walker, Anna Cliprind, Louise Van Horn, Lena Poll.

Second grade—first and second prizes.—Ragina Slater, Daisey Upshur, Ethel Cottrell, Elizabeth Sproules, Elizabeth Kardian, Mary Morrissey, May O'Neil, Marie Melroe, Gertrude Clark, Bessie Kardin, Lois Walker, Frances Fontenroy, Unius Fontenroy, Mary Walsh, Claudia Brantley, Cecelia Nash, Virginia Poll, Rosa Lee, Margaret Edwards, Elizabeth North, Genevieve Starkey.

Third grade—first and second prizes.—Elizabeth Zelus, Alice Callahan, Margaret Powers, Lena Dalia Lucke, Agnes Bain, Mena Walker, Genevieve Rye, Alva Fisher, Nora Walsh, Catharine Carter, Amelia Dini, Helen Starkey, Sara Cummings, Isabella August, Helen Bryant, Antonette O'Neil, Helen O'Neil, Mary Wilson, Eva Faulhaber, Madeline Fisher, Nellie Starkey, Pauline Clark, Margaret Walker, Anna Cliprind.

Fourth grade—first and second prizes.—Elizabeth Zelus, Alice Callahan, Margaret Powers, Lena Dalia Lucke, Agnes Bain, Mena Walker, Genevieve Rye, Alva Fisher, Nora Walsh, Catharine Carter, Amelia Dini, Helen Starkey, Sara Cummings, Isabella August, Helen Bryant, Antonette O'Neil, Helen O'Neil, Mary Wilson, Eva Faulhaber, Madeline Fisher, Nellie Starkey, Pauline Clark, Margaret Walker, Anna Cliprind.

Fifth grade—first and second prizes.—Misses Nora Dugan, Ida Onesty, Minnie Morano, Margaret Craven, Bittina Upsher, Frances Gillo, Mattie Hare.

comb. Catherine Carter, Rose Reardon, Katie Keaveney, Mary Wilmuth, Grace Ryan, Mattie Hare, Cecelia McDonald, Marie Dinnan, Antonette O'Neil, Maud Sullivan, Rose Marchetti.

Senior vocal class—first and second premiums.—Misses Eleanor Donahue, Helen Cavanaugh, Josephine Kain, Marie Holmgren, Elizabeth Dillard, Annie Martin, Madeline Meyer, Mary Cavanaugh, Louise Schueble, Virginia McGranaghan, Gertrude Heppert, Lucille Talley, Cecelia McDonald, Clara Cornwall, Mabel McNamara, Anna Powers, Margaret Martin, Madeline Costello, Emily Granger, Elmida Onesty, Angela Morano, Marie Dinnan, Agnes Whalen, Helen Nolle, Maud Sullivan, Grace Sullivan, Rose Reardon, Anna Boehling, Katie Vonderlehr, Genevieve Wright, Lucille Gillo, Madeline Callahan, Katie Keaveney, Addie Woodson, Mary Onesty, Ferina Donnelly, Grace Ryan, Adelaide Ryan, Helen Vonderlehr, Isabelle Meyer, Virginia Harton, Blanche Strotmeyer, Mary King, Helen Mahoney, Bertha Bascomb.

Painting and drawing—first and second premiums.—Misses Mary Cavanaugh, Marie Holmgren, Mabel McNamara, Cecelia McDonald, Josephine Kain, Annie Martin, Lucille Talley, Clara Cornwall, Eleanor Donahue, Elizabeth Dillard, Louise Schueble, Virginia McGranaghan, Madeline Meyer, Gertrude Heppert, Helen Cavanaugh, Anna Powers, Margaret Martin, Madeline Costello, Emily Granger, Elmida Onesty, Angela Morano, Marie Dinnan, Agnes Whalen, Helen Nolle, Maud Sullivan, Grace Sullivan, Rose Reardon, Anna Boehling, Katie Vonderlehr, Genevieve Wright, Lucille Gillo, Madeline Callahan, Katie Keaveney, Addie Woodson, Mary Onesty, Ferina Donnelly, Grace Ryan, Adelaide Ryan, Helen Vonderlehr, Isabelle Meyer, Virginia Harton, Blanche Strotmeyer, Mary King, Helen Mahoney, Bertha Bascomb.

Instrumental music—first and second premiums.—Misses Mary Cavanaugh, Catherine Sullivan, Helen Cavanaugh, Margaret Martin, Josephine Kain, Clara Cornwall, Bertha Bascomb.

Children Cry FOR FLETCHER'S CASTORIA

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WEDDING IS CULMINATION OF A HOSPITAL ROMANCE

Miss Anna Ford Moncreux Marries Edward G. Porter, Washington.

Washington, June 6.—Miss Anna Ford Moncreux, daughter of Rev. George Moncreux, Episcopal clergyman of Virginia, and Edward George Porter, of this city, were married at 8 o'clock last night at St. John's Church, the ceremony being performed by Rev. E. Slater Dunlap, assistant rector of the church.

The wedding, which was a quiet one, was attended by only a few close friends of the bride and groom, and immediately after the ceremony Mr. and Mrs. Porter left for Atlantic City on the first stage of a wedding journey that will take in a number of Northern and Eastern points.

The marriage was the culmination of a romance which had its inception when Mr. Porter was a patient at George Washington University Hospital. The former Miss Moncreux, who was a graduate nurse at the hospital, was his attendant, and the acquaintance that began in the hospital was continued under more pleasant auspices when he recovered.

Friends suspected that the couple intended to marry, but the plans for the wedding were kept a closely guarded secret by Miss Moncreux and Mr. Porter until they were ready to admit a chosen few into their confidence. Mr. Porter, who is a well known club man and business man of Washington, is the eldest son of the late Mr. and Mrs. Porter. Besides his father in this city and Alexandria, he is president of a large construction company here.

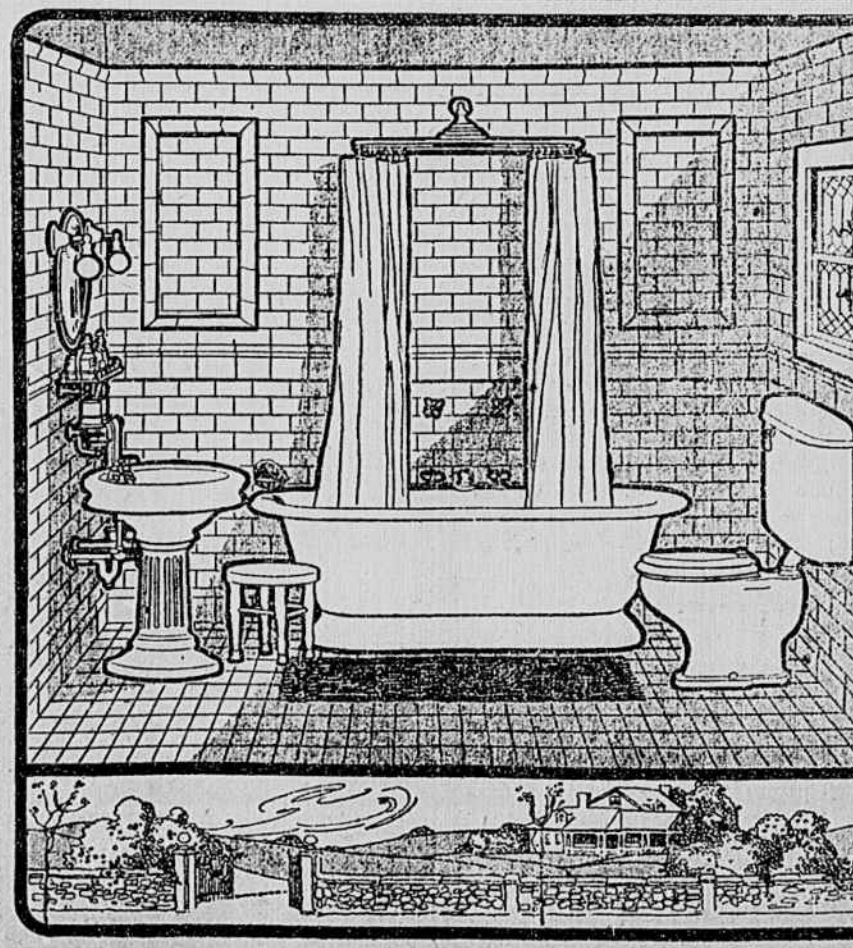
INSTANTLY KILLED BY TRAIN.

Wilmer S. Tilghman Is Victim of Fatal Accident.

[Special to The Times-Dispatch.] Cape Charles, Va., June 5.—Wilmer S. Tilghman, thirty-four years of age, a prominent young business man of Salisbury, Md., and ex-city councilman, was struck and instantly killed at the junction of the B. C. and A. and N. Y. P. and N. tracks at Salisbury, early yesterday morning.

Mr. Tilghman was riding a bicycle, and attempted to cross the track behind a train that was backing. In attempting to turn his wheel, it was wedged between the rail and crossing, and before signals could be given, he was caught beneath the car and dreadfully mangled. Mr. Tilghman leaves a wife and two children.

In Police Court.
N. L. Jones was held for grand jury action yesterday in Police Court on the charge of entering the home of Thomas Atkinson, of 101 West Franklin Street, and stealing a revolver.
John Crawford and Charles Banks, negroes, were sent to jail for four months for stealing a watch from J. C. Matthews.
Jake Long, colored, was fined \$20 and costs for being disorderly aboard a car of the Virginia Railway and Power Company.



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